



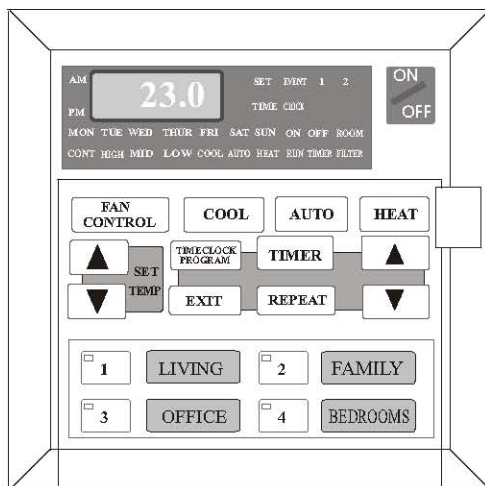
## Operating Instructions



### Models BM2-24H & 7D-4Z

Congratulations on your purchase of a quality air conditioning control system. Please read the following pages carefully for complete and satisfactory control of your air conditioning system. Additional technical details are available in the Installation Instructions.

## BM2-7D-4Z



### Reset control to Factory Default Setting

1. Press and Hold **FAN CONTROL** button.
2. Press and release **SET TEMP Down** arrow.
3. Press **ON/OFF** button, & Release with **FAN CONTROL** button at the same time.  
Wall control LED's will flash and system will reboot. The system will be in the factory default setting. Only zone 2 & 3 are operational. i.e. Zones 3 & 4 need to be re-programmed if required.

### Display Room Temperature for 3 seconds

1. Quick press **TIMER Up** or **Down** arrow. **Room** will flash and room temperature will be displayed.  
This can be achieved while the system is running.

### Set Upper and Lower Temperature Set Point Limits

Factory setting: 16°C to 28°C.

#### **Set upper limit.** Maximum 30°C

1. Press **TIMER Up** arrow once followed by the **SET TEMP Up** arrow in quick succession. **HIGH** LED will be displayed.
2. Press **SET TEMP Up** or **Down** arrow to select new upper limit point.  
NB. The system will automatically accept new settings after 5 seconds.

#### **Set lower limit.** Minimum 10°C

1. Press **TIMER Up** arrow once followed by the **SET TEMP Down** arrow in quick succession. **LOW** LED will be displayed.
2. Press **SET TEMP Up** or **Down** arrow to select new lower limit point.  
NB. The system will automatically accept new settings after 5 seconds.

### **Add Zones, BM2-24H-4Z & BM2-7D-4Z**

Factory default: two zones. Maximum: Four Zones.

Add zone 3 or 4.

1. Press and hold **FAN CONTROL** button.
2. Press **TIMER Down** arrow, and release both buttons.
3. Press **ZONE 3** button. **3-1** will be displayed. OR to add zone 3 & 4, Press **ZONE 4** button. **4-1** will be displayed on the screen.
4. Press **FAN CONTROL** button to accept and exit the menu. NB. **3-1** means ZONE 3 temperature is controlled from SENSOR 1. **4-1** means **ZONE 4** temperature is controlled by SENSOR 1.

### **Removing Zones, BM2-24H-4Z & BM2-7D-4Z**

Remove ZONE 3 and 4 (back to minimum settings 2 zones).

1. Press and hold **FAN CONTROL** button.
2. Press **TIMER Down** arrow, and release both buttons.
3. Press **ZONE 2** button. **2-1** or **2-2** displayed on screen. OR to remove **ZONE 4** only. Press **ZONE 3** button. **3-1** or **3-2** displayed on screen.
4. Press **FAN CONTROL** button to accept and exit the menu.

### **Assigning The Zones To The Sensor**

Maximum number of sensors allowed on the standard wall control:

1. Wall Control sensor plus the optional remote sensor.
2. Wall Control sensor plus the optional second Wall Control sensor.
3. Wall Control plus two Optional remote sensors (Wall control sensor is not used).

NB: a) Optional sensors can be programmed to Zone 2, 3 or 4. b)

Zone 1 is always Sensor 1.

### **Assign zone 2 to sensor 2**

1. Press and hold **FAN CONTROL** button.
2. Press **TIMER Down** arrow, and release both buttons. **2-1** will be displayed.
3. Press **SET TEMP Up** arrow. **2-2** will be displayed on screen. Zone 2 is now controlled from **SENSOR 2**.
4. Press **FAN CONTROL** button to accept and exit the menu. Use the same method to assign zone 3 and 4 to Sensor 2. **3-2** or **4-2** will be displayed on screen; i.e. **3-2** means ZONE 3 temperature is controlled from SENSOR 2. **4-2** means ZONE 4 temperature is controlled by SENSOR 2

### **Fan Operating Selection from Wall Control**

This can be achieved by pressing fan control button

Auto: The supply fan will cycle with the temperature demand.

Continuous: The supply fan will continue to run while the temperature demands cycles On or Off.

These two different modes are selected from the Wall Control Pad.